

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

100717-574

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/511231**INTERNATIONAL APPLICATION NO.  
**PCT/EP03/03424**INTERNATIONAL FILING DATE  
**2.April.2003 (02.04.2003)**PRIORITY DATE CLAIMED  
**15.April.2002 (15.04.2002)**

## TITLE OF INVENTION

**METHOD AND COMPUTER FOR EXPERIMENTAL DESIGN**

## APPLICANT(S) FOR DO/EO/US

**Andreas SCHUPPERT****Arne OHRENBURG**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☒ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EU 968991612 US
23. ☒ Other items or information:

**Letter to the Official Draftsperson****Paper Under 37 CFR 1.32(c)(3) Indicating Which Ten Patent Practitioners Are To Be Recognized****Application Data Sheet****PCT Request****Notification of the Recording of a Change**

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">10/511231</div>		INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; margin-top: 5px;">PCT/EP03/03424</div>		ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; margin-top: 5px;">100717-574</div>																	
<div style="border-bottom: 1px solid black; padding-bottom: 5px;">24. The following fees are submitted:.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b><div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 80%;"><div style="display: flex; align-items: flex-start; margin-bottom: 5px;"><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....</div><div style="display: flex; align-items: flex-start; margin-bottom: 5px;"><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....</div><div style="display: flex; align-items: flex-start; margin-bottom: 5px;"><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....</div><div style="display: flex; align-items: flex-start; margin-bottom: 5px;"><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....</div><div style="display: flex; align-items: flex-start; margin-bottom: 5px;"><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....</div></div><div style="width: 15%; text-align: right; vertical-align: top;"><div style="margin-bottom: 5px;"><b>\$1110.00</b></div><div style="margin-bottom: 5px;"><b>\$950.00</b></div><div style="margin-bottom: 5px;"><b>\$790.00</b></div><div style="margin-bottom: 5px;"><b>\$750.00</b></div><div style="margin-bottom: 5px;"><b>\$100.00</b></div></div></div><div style="text-align: right; margin-top: 5px;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div></div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">CALCULATIONS</div>		<div style="border: 1px solid black; padding: 2px; font-weight: bold;">PTO USE ONLY</div>															
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <div style="display: flex; justify-content: flex-end; align-items: center; margin-top: 5px;"><input type="checkbox"/> 20    <input type="checkbox"/> 30</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$950.00</div>																	
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:15%;">CLAIMS</th><th style="width:25%;">NUMBER FILED</th><th style="width:25%;">NUMBER EXTRA</th><th style="width:15%;">RATE</th></tr></thead><tbody><tr><td>Total claims</td><td>22 - 20 =</td><td>2</td><td>x \$18.00</td></tr><tr><td>Independent claims</td><td>2 - 3 =</td><td>0</td><td>x \$88.00</td></tr><tr><td colspan="3">Multiple Dependent Claims (check if applicable).</td><td><input type="checkbox"/></td></tr></tbody></table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	22 - 20 =	2	x \$18.00	Independent claims	2 - 3 =	0	x \$88.00	Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$36.00</div>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																		
Total claims	22 - 20 =	2	x \$18.00																		
Independent claims	2 - 3 =	0	x \$88.00																		
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>																		
<div style="text-align: right; font-weight: bold; margin-bottom: 5px;">TOTAL OF ABOVE CALCULATIONS =</div> <div style="display: flex; align-items: center; margin-bottom: 5px;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$0.00</div>																	
<div style="text-align: right; font-weight: bold; margin-bottom: 5px;">SUBTOTAL =</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$986.00</div>																	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <div style="display: flex; justify-content: flex-end; align-items: center; margin-top: 5px;"><input type="checkbox"/> 20    <input type="checkbox"/> 30</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$0.00</div>																	
<div style="text-align: right; font-weight: bold; margin-bottom: 5px;">TOTAL NATIONAL FEE =</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$986.00</div>																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <div style="display: flex; justify-content: flex-end; align-items: center; margin-top: 5px;"><input type="checkbox"/></div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$0.00</div>																	
<div style="text-align: right; font-weight: bold; margin-bottom: 5px;">TOTAL FEES ENCLOSED =</div>				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$986.00</div>																	
				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">Amount to be:</div>																	
				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">refunded</div>																	
				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">charged</div>																	
				<div style="border: 1px solid black; padding: 2px; font-weight: bold;">\$</div>																	
<div style="display: flex; justify-content: space-between;"><div style="width: 60%;"><p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p><p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>14-1263</u> in the amount of <u>\$986.00</u> to cover the above fees.</p><p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-1263</u></p><p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p></div><div style="width: 35%; text-align: center;"><div style="font-size: 24pt; font-weight: bold; margin-bottom: 10px;">NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</div><div style="border-bottom: 1px solid black; padding-bottom: 5px;">SEND ALL CORRESPONDENCE TO:</div><div style="margin-top: 5px;">23526</div><div style="margin-top: 20px;">Davy E. Zoneraich Norris, McLaughlin &amp; Marcus P.O. Box 1018 Somerville, NJ 08876 908-722-0700</div></div></div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 60%;"><div style="border-bottom: 1px solid black; padding-bottom: 5px; font-family: cursive; font-size: 18pt;">William C. Gerstenzang</div><div style="margin-top: 5px; font-weight: bold;">SIGNATURE</div><div style="margin-top: 20px; font-weight: bold;">William C. Gerstenzang</div><div style="margin-top: 5px; font-weight: bold;">NAME</div><div style="margin-top: 20px; font-weight: bold;">27,552</div><div style="margin-top: 5px; font-weight: bold;">REGISTRATION NUMBER</div><div style="margin-top: 20px; font-weight: bold;">October 12, 2004</div><div style="margin-top: 5px; font-weight: bold;">DATE</div></div><div style="width: 35%;"></div></div>																					

10/511231

DT05 PCT/PTO 12 OCT 2004

Attorney Docket: 100717-574

INTERNATIONAL APPLICATION NO.: PCT/EP03/03424

APPLICANTS: Andreas SCHUPPERT et al

TITLE: METHOD AND COMPUTER FOR EXPERIMENTAL DESIGN

**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number EU 968991612 US

Date of Deposit : October 12, 2004

I hereby certify that the following items:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)  
Concerning a Filing Under 35 U.S.C. 371 (in duplicate)  
**- CHARGE DEPOSIT ACCOUNT \$986**
2. English language translation of international application
3. Executed Declaration and Power of Attorney
4. Paper Under 37 CFR 1.32(c)(3) Indicating Which Ten Patent Practitioners Are To Be Recognized
5. copy of International Search Report
6. Information Disclosure Statement, form PTO-1449, cited references
7. Recordation Form Cover Sheet w/ executed Assignment  
**-CHARGE DEPOSIT ACCOUNT \$40**
8. First Preliminary Amendment
9. Second copy of published international application
10. Second copy of English language translation of international application
11. Letter to the Official Draftsperson w/ 5 sheets formal drawings (FIGS. 1-6)
12. PCT Request
13. Notification of the Recording of a Change
14. Application Data Sheet
15. Certificate of Mailing by Express Mail
16. Self-Addressed Postcard

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By Julie Harting  
Julie Harting